

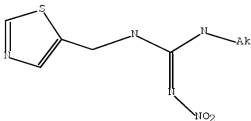
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L1 HAS NO ANSWERS

L1                    STR



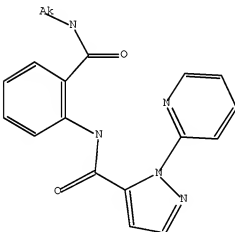
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L2 HAS NO ANSWERS

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L4                    6150 S L1 SSS FULL

L5                    50 S L2 SSS SAM

L6                    94051 S L2 SSS FULL

FILE 'HCAPLUS' ENTERED AT 08:30:43 ON 31 DEC 2009

L7                    873 S L4

L8                    464 S L6

L9                    121 S L7 AND L8

L10                  13 S L9 AND (PY<=2004 OR AY<=2004 OR PRY<=2004)

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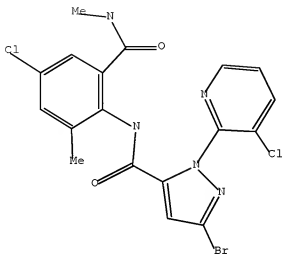
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L11 STRUCTURE UPLOADED

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L11 HAS NO ANSWERS

L11 STR



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L13 106 S L11 SSS FULL SUB=L6

FILE 'HCAPLUS' ENTERED AT 08:35:10 ON 31 DEC 2009

L14 369 S L13

L15 112 S L14 AND L7

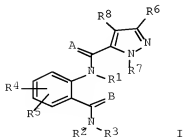
L16 3 S L15 AND (PY<2004 OR AY<2004 OR PRY<2004)

L16 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Method for controlling particular insect pests by applying anthranilamide

compounds

GI



I

AB Anthranilamide compds. I (Markush included), N-oxides or an agriculturally suitable salts thereof are prepared as insecticides for controlling lepidopteran, homopteran, hemipteran, thysanopteran and coleopteran insect pests. Insecticidal composition containing anthranilamide compds. I may further comprise addnl. biol. active compds. selected from arthropodicides of the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones,  $\gamma$ -aminobutyric acid (GABA) antagonists, insecticidal ureas, and juvenile hormone mimics.

ACCESSION NUMBER: 2003:154154 HCAPLUS Full-text  
DOCUMENT NUMBER: 138:200331  
TITLE: Method for controlling particular insect pests by applying anthranilamide compounds

INVENTOR(S): Lahm, George Philip; McCann, Stephen Frederick; Patel, Kanu Maganbhai; Selby, Thomas Paul; Stevenson, Thomas Martin

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA  
SOURCE: PCT Int. Appl., 150 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4  
PATENT INFORMATION:

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WO 2003015518	A1	20030227	WO 2002-US25613	
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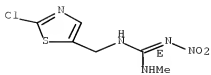
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      E 210880-92-5/RN
L18      1 S E15

L18 ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 210880-92-5  REGISTRY
ED Entered STN: 06 Sep 1998
CN Guanidine, N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N''-nitro-,
[C(E)]-
(CA INDEX NAME)
OTHER NAMES:
CN (E)-1-(2-Chloro-1,3-thiazol-5-yl methyl)-3-methyl-2-nitroguanidine
CN Apacz
CN Arena
CN Belay
CN Celero
CN Clothianidin
CN Clutch
CN Clutch (insecticide)
CN Dantotsu
CN Fullswing
CN Poncho
CN Poncho 600
CN Takeloc CLMN 10
CN Takeloc MC 50E
CN TI 435
CN TM 44401
CN V 10170
FS STEREOSEARCH
DR 205510-53-8
MF C6 H8 Cl N5 O2 S
CI COM
SR CA
LC STN Files: ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CHEMCATS,
CHEMLIST, CSCHEM, HSDB*, IFCDB, IFIPAT, IFIUDB, MRCK*,
PAIDPASPC,
RTECS*, TOXCENTER, ULIDAT, USPAT2, USPATFULL
(*File contains numerically searchable property data)

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Double bond geometry as shown.



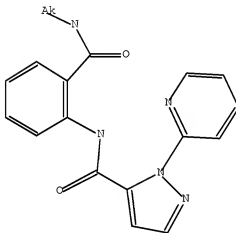
L19 0 S L16 AND SYNERG?

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



FILE 'REGISTRY' ENTERED AT 09:34:00 ON 31 DEC 2009

L2 50 S L1 SSS SAM

L3 94051 S L1 SSS FULL

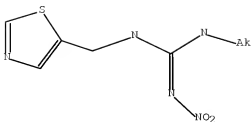
L4 STRUCTURE UPLOADED

L4 STRUCTURE UPLOADED

=> d 14

L4 HAS NO ANSWERS

L4 STR



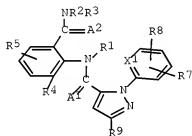
L5 50 S L4 SSS SAM  
L6 6150 S L4 SSS FULL

FILE 'HCAPLUS' ENTERED AT 09:35:34 ON 31 DEC 2009

L7 464 S L3  
L8 873 S L6  
L9 433 S L7 AND (PESTICIDE OR INSECTICIDE)  
L10 74 S L9 AND SYNERG?  
L11 6 S L10 AND (PY<2004 OR AY<2004 OR PRY<2004)  
L12 830 S L8 AND (PESTICIDE OR INSECTICIDE)  
L13 153 S L12 AND SYNERG?  
L14 1 S L13 AND L11

L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Synergistic insecticidal compositions comprising nicotinic  
receptor agonists and antagonists and anthranilic acid amides  
GI



I

AB Synergistic insecticidal compns. comprising nicotinic receptor agonists and antagonists RNACX:XE [R= H, (un)substituted acyl, alkyl, aryl, etc.; A = H, acyl, alkyl, aryl, etc; E = electron receptor; X = CH or N; Z = alkyl, OR, SR or NR2; ANCZ = cycle] and anthranilic acid amides I [A1, A2 = O or S; X1 = N or Cl0; R1 = H, (un)substituted alkyl, alkenyl, alkynyl or cycloalkyl, the substituents being R6, halo, CN, etc.; R2 = H, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, etc.; R3 = H, alkyl, alkenyl, etc.; R2NR3 = ring; R4 = H, (halo)alkyl, (halo)alkenyl, etc.; R5, R8 = H, halo, (un)substituted (halo)alkyl, etc.; R6 = CH(:E1), LCH(E1), etc.; E1 = O, S, NH, N:S:O, N(NO)2, etc.; L = O, S, NH, etc.; R7 =

H, halo, (halo)alkyl, (halo)alkoxy, etc.; R9 = halo, haloalkyl, haloalkoxy or halosulfinyl].

ACCESSION NUMBER: 2005:470209 HCAPLUS Full-text

DOCUMENT NUMBER: 143:2638

TITLE: Synergistic insecticidal compositions comprising nicotinic receptor agonists and antagonists and anthranilic acid amides

INVENTOR(S): Funke, Christian; Fischer, Reiner; Fischer, Ruediger;

PATENT ASSIGNEE(S): Hungenberg, Heike; Andersch, Wolfram; Thielert, Wolfgang; Kraus, Anton

SOURCE: Bayer Cropscience Aktiengesellschaft, Germany  
PCT Int. Appl., 71 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

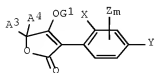
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WO 2005048711	A1	20050602	WO 2004-EP12328	
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AU 2004290500	A1	20050602	AU 2004-290500	
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CA 2545586	A1	20050602	CA 2004-2545586	
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AT 416614	T	20081215	AT 2004-791081	
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ES 2317064	T3	20090416	ES 2004-791081	
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 L16 44 S E5  
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 L22 6 S L21 AND SYNERG?  
 L23 5 S L22 NOT L15

L23 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN  
 TI Synergistic insecticidal and acaricidal compositions comprising  
 anthranilic acid amides  
 GI



I

AB Synergistic insecticidal and acaricidal compns. comprise keto enols I [X = (halo)alkyl, Br or alkoxy; Y = H, (halo)alkyl, halo or alkoxy; Z = alkyl, halo or alkoxy; m = 0,1-3; A3 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, etc.; A4 = H, alkyl or alkoxy; A3CA4 = cycle; G1 = H, COR, CO2R1, etc.; R = (halo)alkyl, (halo)alkenyl, (halo)alkoxyalkyl, (halo)alkylthioalkyl, (un)substituted Ph, etc.; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl or (halo)polyalkoxyalkyl or any of a large number of known insecticides and acaricides on one hand and anthranilic acid amides on the other hand.

ACCESSION NUMBER: 2005:470210 HCAPLUS Full-text  
DOCUMENT NUMBER: 143:2639  
TITLE: Synergistic insecticidal and acaricidal compositions comprising anthranilic acid amides  
INVENTOR(S): Funke, Christian; Bretschneider, Thomas; Fischer, Reiner; Fischer, Ruediger; Hungenberg, Heike;  
Anton, Andersch, Wolfram; Thielert, Wolfgang; Kraus, Anton  
PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany  
SOURCE: PCT Int. Appl., 79 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

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